

PATENT ABSTRACTS OF JAPAN

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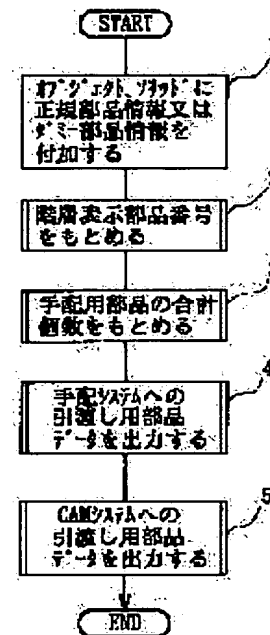
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(54) METHOD FOR GENERATING COMPONENT DATA PASSED FROM CAD SYSTEM TO POSTPROCESS

(57)Abstract:

PROBLEM TO BE SOLVED: To pass only normal components to an arrangement system and component information on component names, etc., to a CAM system, respectively, by generating component data to be passed by using normal component information and dummy component information.

SOLUTION: When a product is designed, solids representing the shape data of a plurality of components constituting the product are generated and put into objects as frame data for sorting these solids and the objects are so related as to form a specific hierarchical structure, thereby generating CAD data. Further, normal component information or dummy component information is added as component information to at least either the solids or objects of the CAD data (S1). After the product is designed, hierarchical display component numbers are found according to the added component information and used to find the number of components to be arranged (S2, 3). Then component data to be passed to the arrangement system and CAM system are generated and outputted to the respective systems (S4, 5).



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